

Docket No.: 50103-414

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Nobuo KURATAKA, et al. : Confirmation Number: 6437  
Serial No.: 10/079,516 : Group Art Unit: 1773  
Filed: February 22, 2002 : Examiner: Falasco, Louis V

For: SERVO PATTERN FORMATION VIA TRANSFER OF SOL-GEL LAYER AND  
MAGNETIC MEDIA OBTAINED THEREBY

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

SEAGATE TECHNOLOGY LLC, formerly SEAGATE TECHNOLOGY, INC., assignee of the above-identified application by assignment dated June 24, 1998 and June 25, 1998, a copy of which is attached hereto, hereby appoints Raghunath S. Minisandram, Reg. No. 38,683, in Scotts Valley, CA, Paul T. Dietz, Reg. No. 38,858, in Bloomington, MN, Derek J. Berger, Reg. No. 45,401, David K. Lucente, Reg. No. 36,202, in Longmont, CO, Kirk A. Cesari, Reg. No. 47,479, Jennifer Buenzow, Reg. No. 50,124, in Shakopee, MN, Carol I. Bordas, Reg. No. 37,284, in Pittsburgh, PA, Jesus Del Castillo, Reg. No. 51,604 in Scotts Valley, CA, Joseph F. Villella, Jr., Reg. No. 30,599 in Scotts Valley, CA, and Brendan Hanley, Reg. No. 52,429 in Bloomington, Minnesota, all of SEAGATE TECHNOLOGY LLC.; and the members of the firm of MCDERMOTT, WILL & EMERY, a firm composed of Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Richard E. Brown, Reg. No. 47,453; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Ramyar M. Farid, Reg. No. 46,692; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Keith E. George, Reg. No. 34,111; Thomas A. Haag, Reg. No. 47,621; John A. Hankins, Reg. No. 32,029; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Michael A. Messina, Reg. No. 33,424; Dawn L. Palmer, Reg. No. 41,238; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Gene Z. Robinson, Reg. No. 33,351; Brian K. Seidleck, Reg. No. 51,321; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No.

26,106; David M. Tennant, Reg. No. 48,362; Judith L. Toffenetti, Reg. No. 39,048; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weissstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; William Young, Reg. No. 54,718; and Wei-Chen Chen and Tomoki Tanida, admitted under 37 CFR 10.9(b) with offices located at 600 13th Street, N.W., Washington, DC 20005-3096, (202) 756-8000 as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence regarding this application to the following:

John A. Hankins  
McDERMOTT, WILL & EMERY  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Telephone: (202)756-8000

Dated: March 29, 2004

Respectfully submitted,

By: Raghunath S. Minisandram

Name: Raghunath S. Minisandram, Esq.

Title: Sr. Director of Intellectual Property

OCT 06 2005

PTO/SB/98 (8-98)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Seagate Technology LLCApplication No./Patent No.: 10/079,516Filed/Issue Date: February 22, 2002Entitled: SERVO PATTERN FORMATION VIA TRANSFER OF SOL-GEL LAYER AND MAGNETIC MEDIA OBTAINED THEREBYSeagate Technology LLC,  
(Name of Assignee)a Limited Liability Company,  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 012626, Frame 0702, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

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3. From: \_\_\_\_\_ To: \_\_\_\_\_

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

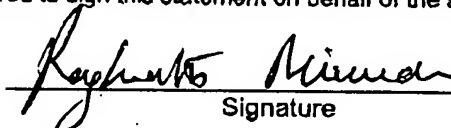
**[NOTE:]** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date

4/30/04

Signature

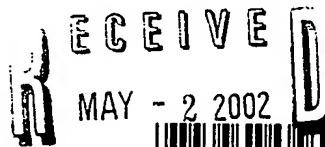
Raghunath S. Minisandram, Esq.  
Typed or printed nameSr. Director of Intellectual Property  
Title



APRIL 26, 2002

PTAS

MCDERMOTT, WILL & EMERY  
AARON WEISSTUCH  
600 13TH STREET, N.W.  
WASHINGTON, D.C. 20005



Commissioner for Trademarks  
Arlington, VA 22202-3513  
www.uspto.gov

MW8E \*102004402A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/2002

REEL/FRAME: 012626/0702  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KURATAKA, NOBUO

DOC DATE: 01/31/2001 ✓

ASSIGNOR:  
WANG, HONG YING

DOC DATE: 01/31/2001 ✓

ASSIGNOR:  
DEEMAN, NEIL

DOC DATE: 01/31/2001 ✓

ASSIGNEE:  
SEAGATE TECHNOLOGY LLC  
✓ 920 DISC DRIVE  
P.O. BOX 66360  
SCOTTS VALLEY, CALIFORNIA  
95067-  
0360

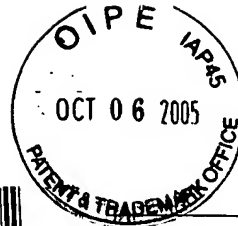
SERIAL NUMBER: 10079516  
PATENT NUMBER:

FILING DATE: 02/22/2002  
ISSUE DATE:

.012626/0702 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
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FORM PTO-1596  
1-31-92

RE

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50103-414

102004402

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Nobuo KURATAKA, Hong Ying WANG, Neil DEEMAN

Additional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 31, 2001

## 2. Name and address of receiving party(ies):

Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive,

P.O. Box 66360,

Scotts Valley, California 95067-0360

Additional name(s) & address(es) attached? ☐ Yes

## 4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: January 31, 2001

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Aaron Weisstuch, Ph.D., 41,557

February 22, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

03/05/2002 BYRME 00000103 500417 10079516

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 11046 U.S. PTO  
 10/079516  
 02/22/02

Docket No.: 50103-414

## ASSIGNMENT

WHEREAS WE, Nobuo KURATAKA, Hong Ying WANG, Neil DEEMAN of Campbell, California, Fremont, California, and Alamo California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SERVO PATTERN FORMATION VIA TRANSFER OF SOL-GEL LAYER AND MAGNETIC MEDIA OBTAINED THEREBY, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

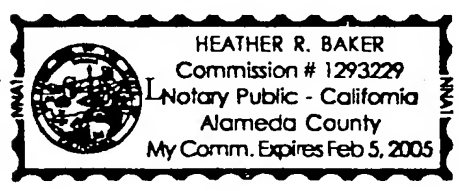
AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date 1/31/2002  
Date 1/31/2002  
Date 1/31/2002  
Date \_\_\_\_\_  
Date \_\_\_\_\_

Nobuo Kurataka  
Nobuo Kurataka  
Hong Ying Wang  
Hong Ying Wang  
Neil Deeman  
Neil Deeman  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF California )  
COUNTY OF Alameda ) SS:

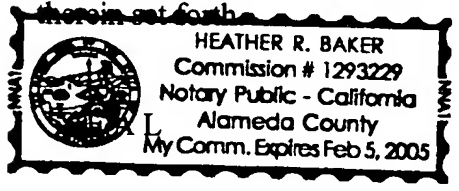
On this 31<sup>st</sup> day of January, 2002, before me personally appeared Nobuo Kurataka, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Heather R Baker  
Notary Public  
My commission expires Feb 5, 2005

STATE OF California )  
COUNTY OF Alameda ) SS:

On this 31<sup>st</sup> day of January, 2002, before me personally appeared Hong Ying Wang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Heather R Baker  
Notary Public

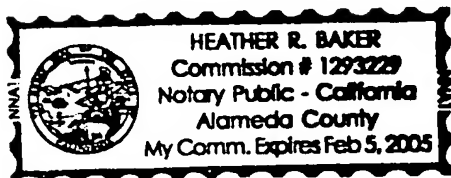
STATE OF California )  
COUNTY OF Alameda ) SS:

On this 31<sup>st</sup> day of January, 2002, before me personally appeared Neil Deeman, to me known to be the person named in and who executed the above



instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL



Heather R. Baker  
Notary Public

My commission expires Feb 5, 2005

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